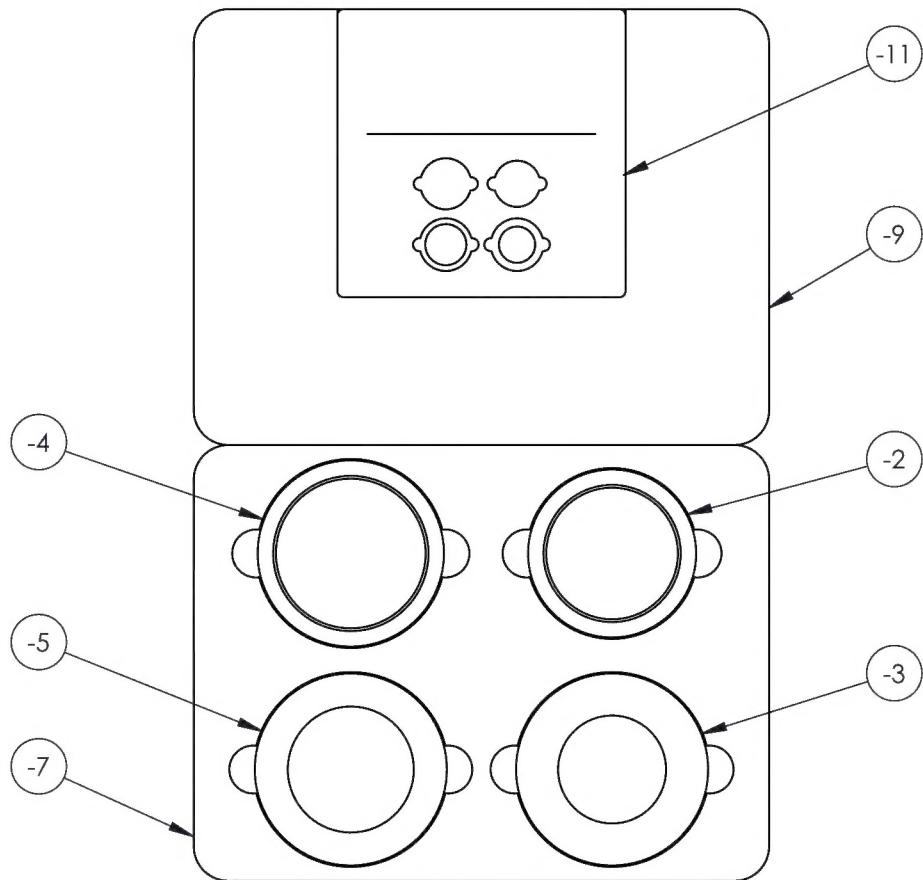


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REV		DESCRIPTION			DATE	INITIAL	APPROVED
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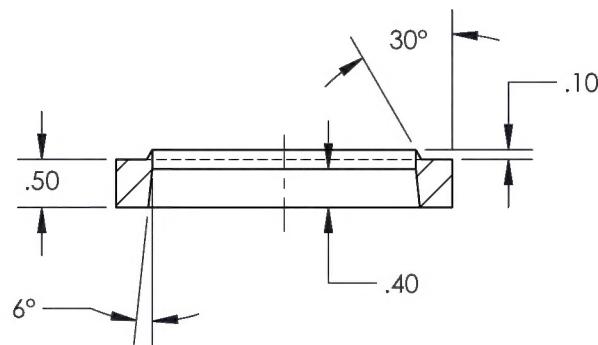
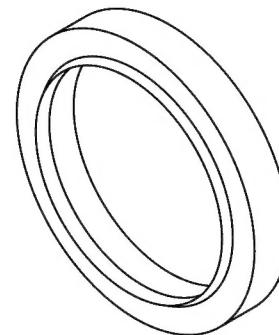
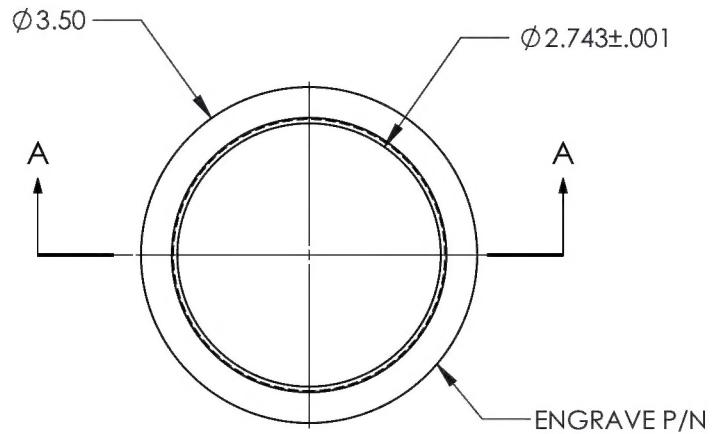
1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M. 1982
2. SURFACE FINISH 125 MICROINCHES UNLESS OTHERWISE SPECIFIED.
3. ATTACH -13, PLACARD TO OUTSIDE TOP OF CASE, ENGRAVE WITH TITLE AND P/N.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-2	1	NLG SNAP RING TOOL	4140 Q & T	Ø3-5/8 X 3/4	2
			-3	1	NLG SNAP RING PLUNGER	4140 Q & T	Ø4-1/8 X 2-5/8	3
			-4	1	MLG SNAP RING TOOL	4140 Q & T	Ø4 X 3/4	4
			-5	1	MLG SNAP RING PLUNGER	4140 Q & T	Ø4-1/8 X 2-5/8	5
			-7	1	BOTTOM TOOL CUSHION	Y-20 BLACK	11.98 X 9.08 X 3.95	6
			-9	1	TOP TOOL CUSHION	C200 FLAT, BLACK	1.2 X 9.08 X 11.98	7
			-11	1	PLACARD	ALUMINUM	1/16 X 6 X 6	8
	B/O	-13	1		CASE	PLASTIC	PELICAN #APP-1400-E	NS
	B/O	-15	1		RED BARN PLACARD	ALUMINUM	RB41009	NS

RED BARN MACHINE	
TITLE	LANDING GEAR RETAINING RING INSTALLATION, TOOL SET
DWG NO.	RBT18408
MATL	DRAWN BY: GILBERT <i>D. Weil</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± .5° .X ± .1	APPROVED HEAT TREAT FINISH SPEC USED ON MODEL FIREBIRD
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE 1:4      DATE 9/19/2012      SHEET 1 OF 8

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED



SECTION A-A

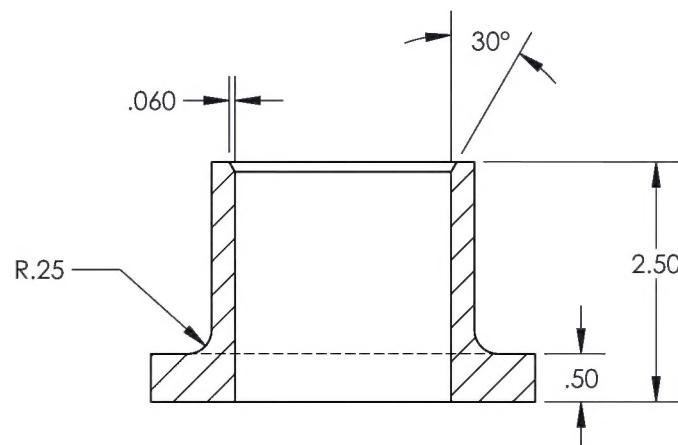
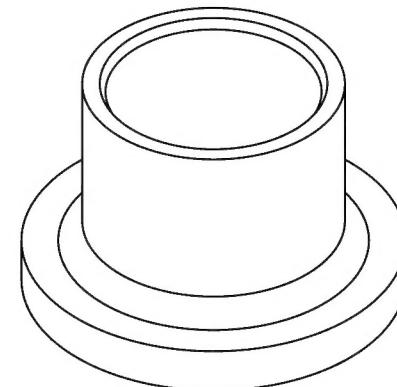
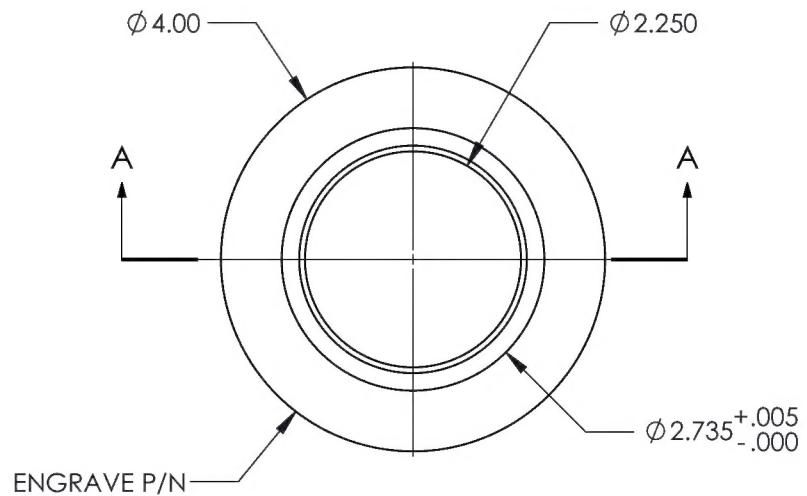
(2)

NLG SNAP RING TOOL

 RED BARN MACHINE	
TITLE	LANDING GEAR RETAINING RING INSTALLATION, TOOL SET
DWG NO.	RBT18408-2
MATL	4140 Q & T
DRAWN BY:	GILBERT
UNLESS OTHERWISE SPECIFIED	APPROVED
DIMENSIONS ARE IN INCHES	<i>D Weil</i>
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	HEAT
OR .015R	TREAT
2. DIMENSIONAL LIMITS APPLY AFTER	FINISH
PLATING	BLACK OXIDE
SPEC	
	USED ON MODEL
SCALE	1:2
DATE	9/18/2012
	SHEET 2 OF 8

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED



SECTION A-A

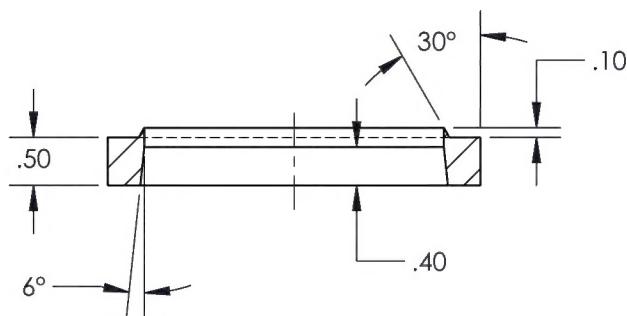
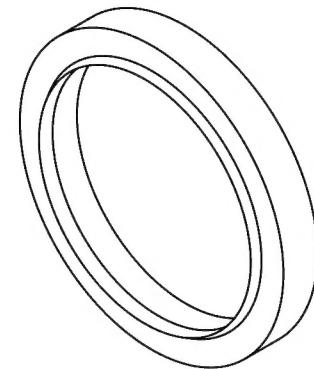
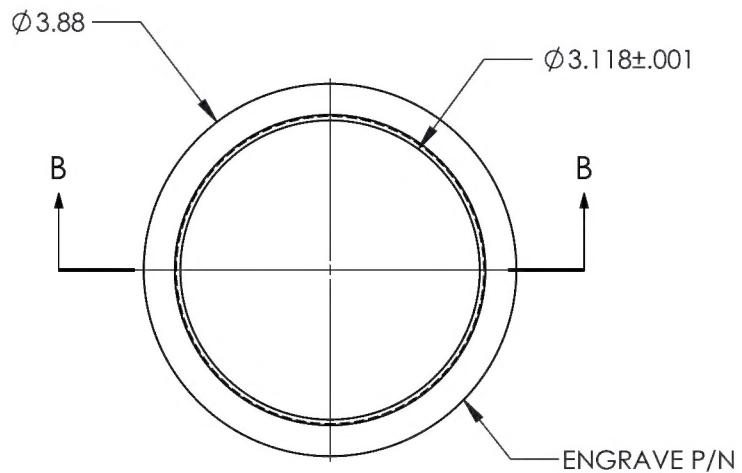
(-3)

NLG SNAP RING PLUNGER

 RED BARN MACHINE	
TITLE	LANDING GEAR RETAINING RING INSTALLATION, TOOL SET
DWG NO.	RBT18408-3
MATL	DRAWN BY: GILBERT
4140 Q & T	APPROVED 
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	HEAT TREAT FINISH
.XXX $\pm$ .005	FRACTIONS $\pm$ 1/32
.XX $\pm$ .01	ANGLES $\pm$ .5°
.X $\pm$ .1	BLACK OXIDE
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE	1:2
DATE	9/18/2012
SHEET 3 OF 8	

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED

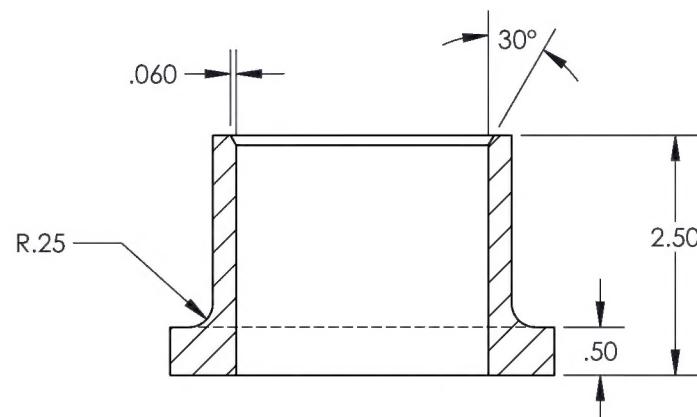
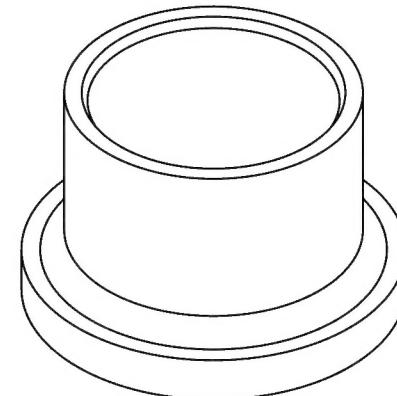
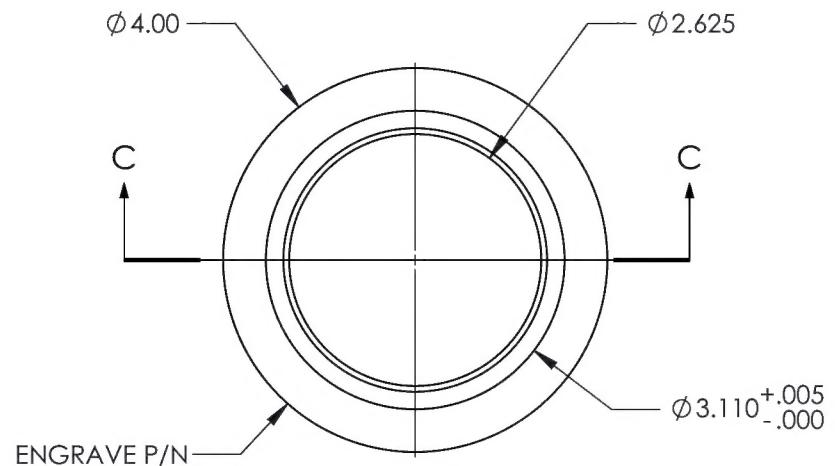


SECTION B-B

(-4)

MLG SNAP RING TOOL

 RED BARN MACHINE		
TITLE LANDING GEAR RETAINING RING INSTALLATION, TOOL SET		
DWG NO.	RBT18408-4	REV
MATL 4140 Q & T	DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED	D Weil
.XXX ± .005	FRACTIONS ± 1/32	
.XX ± .01	ANGLES ± .5°	
.X ± .1		
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH	BLACK OXIDE
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC	
	USED ON MODEL	
SCALE 1:2	DATE 9/18/2012	SHEET 4 OF 8

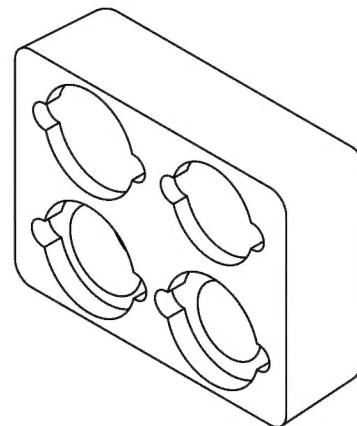
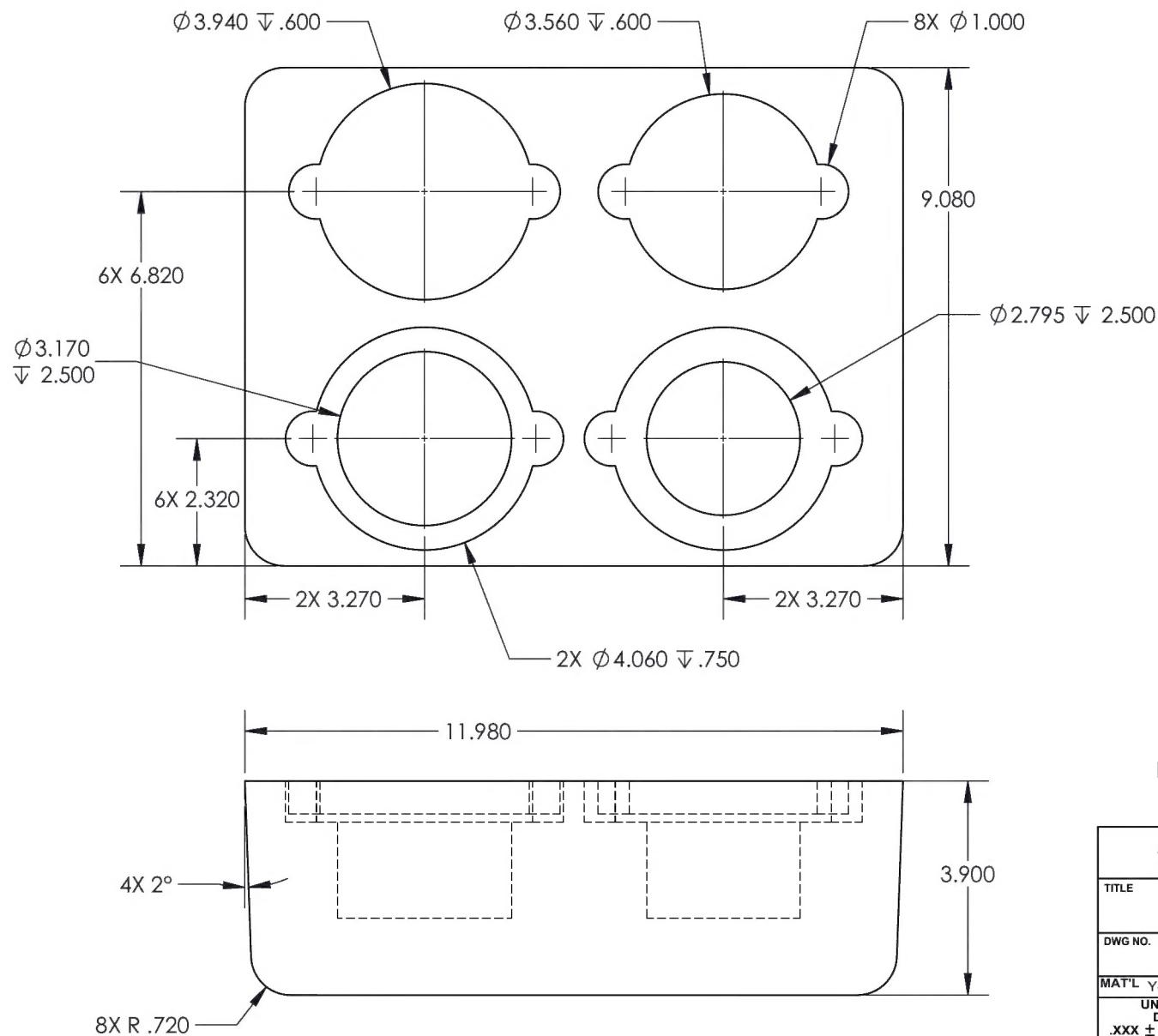


SECTION C-C

(-5)

MLG SNAP RING PLUNGER

 <b>RED BARN MACHINE</b>	
<b>TITLE</b>	LANDING GEAR RETAINING RING INSTALLATION, TOOL SET
<b>DWG NO.</b>	RBT18408-5
<b>MATL</b>	4140 Q & T
<b>DRAWN BY:</b>	GILBERT
<b>APPROVED</b>	<i>D. Weil</i>
<b>UNLESS OTHERWISE SPECIFIED</b>	
<b>DIMENSIONS ARE IN INCHES</b>	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
<b>1. BREAK ALL SHARP EDGES .015 x 45°</b>	
<b>OR .015R</b>	
<b>2. DIMENSIONAL LIMITS APPLY AFTER</b>	
<b>PLATING</b>	
<b>SCALE</b>	1:2
<b>DATE</b>	9/18/2012
<b>SHEET</b>	5 OF 8



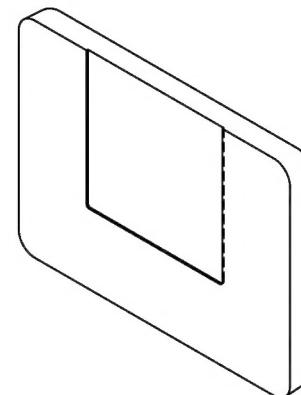
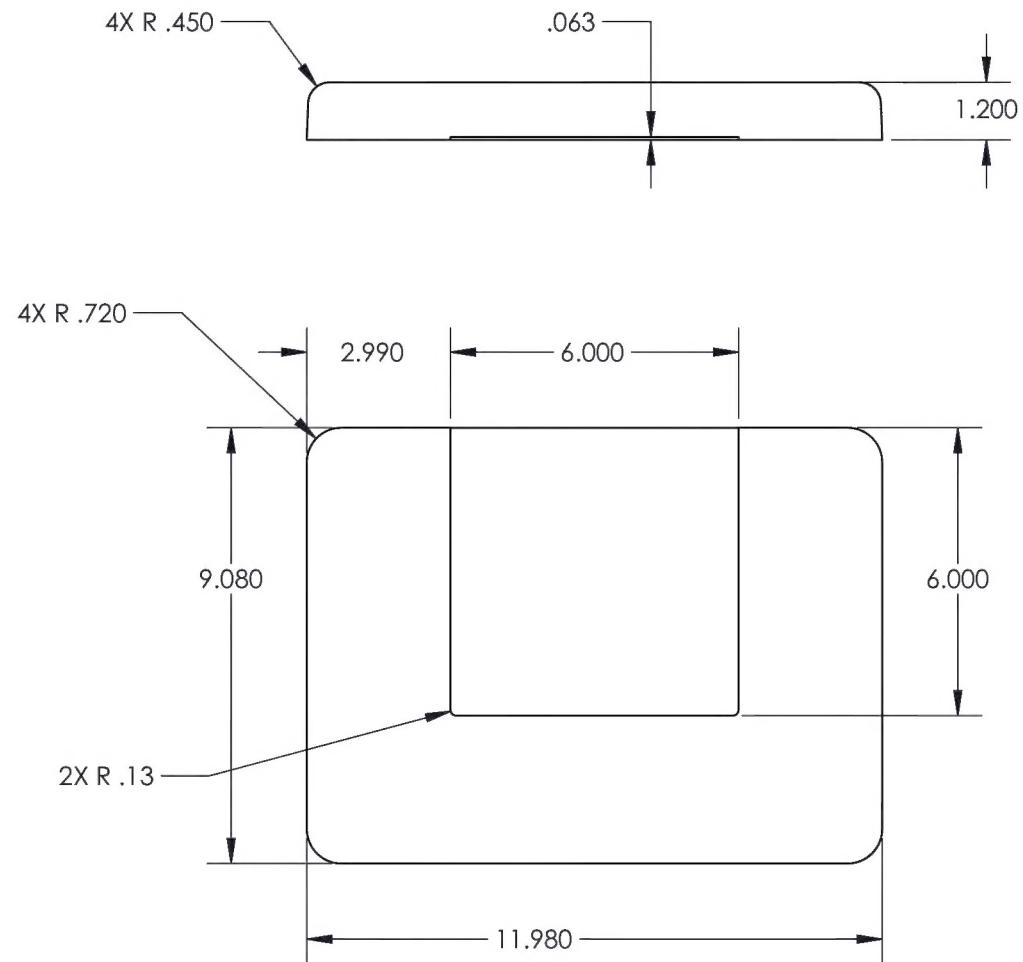
(-7)

BOTTOM TOOL CUSHION

<b>RB RED BARN MACHINE</b>	
TITLE	LANDING GEAR RETAINING RING INSTALLATION, TOOL SET
DWG NO.	RBT18408-7
MATL	Y-20 BLACK
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.005 ± .005 FRACTIONS ± 1/32	
.01 ± .01 ANGLES ± .5°	
.1 ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:3
DATE	9/19/2012
SHEET 6 OF 8	

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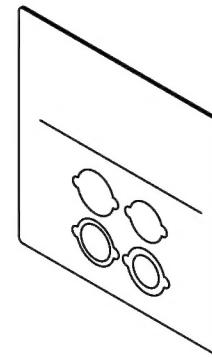
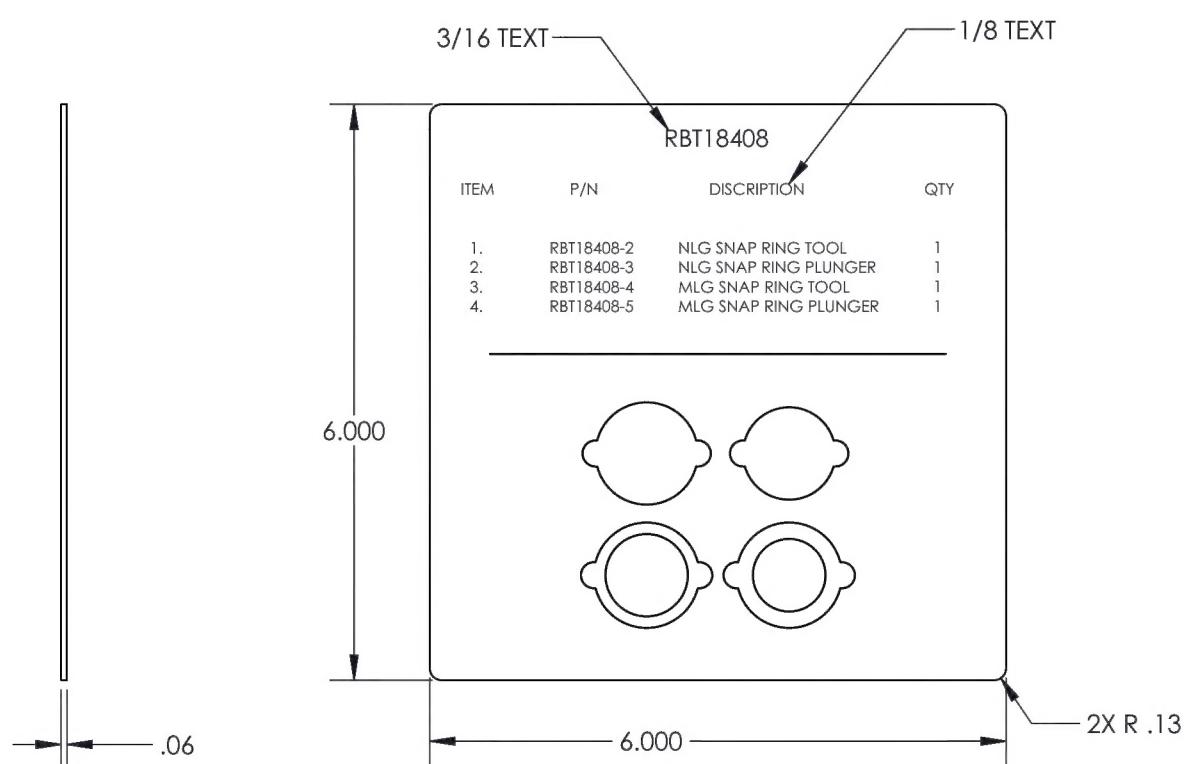
REV	DESCRIPTION	DATE	INITIAL	APPROVED
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TOP TOOL CUSHION

(-9)

 RED BARN MACHINE	
TITLE	LANDING GEAR RETAINING RING INSTALLATION, TOOL SET
DWG NO.	RBT18408-9
MATL	C200 FLAT, BLACK
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT
.XXX ± .005	APPROVED <i>D. Weil</i>
XX ± .01	HEAT
X ± .1	TREAT
	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 1:4	DATE 9/19/2012
	SHEET 7 OF 8



(-11)

PLACARD

 RED BARN MACHINE	
TITLE      LANDING GEAR RETAINING RING INSTALLATION, TOOL SET	
DWG NO.	REV
RBT18408-11	
MATL. ALUMINUM	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED	APPROVED
DIMENSIONS ARE IN INCHES	<i>D Weil</i>
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SCALE	1:2
DATE	9/19/2012
SHEET 8 OF 8	